

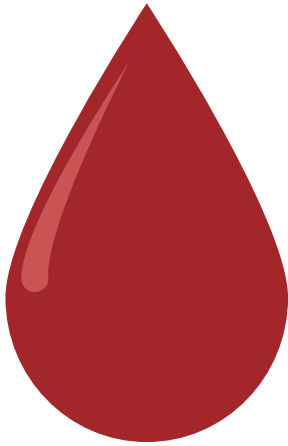
Dynamic stabilization with cosmicMIA™



Ulrich
medical

*“To fuse or not to fuse,
that is the question!”*





Non-Fusion

-25%¹
Blood loss

¹Meyer B, Thomé C, Vajkoczy P, Kehl V, Dodel R, Ringel F, for the DYNORFUSE Study Group. **Lumbar dynamic pedicle-based stabilization versus fusion in degenerative disease: a multicenter, double-blind, prospective, randomized controlled trial.** J Neurosurg Spine. 2022



Non-Fusion

-13%¹

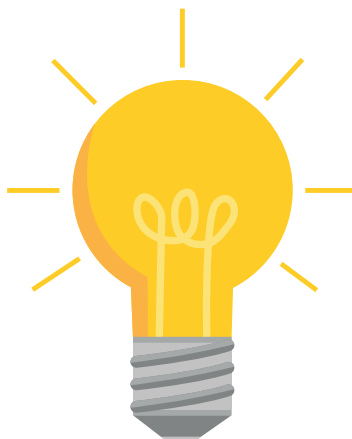
Surgery time



Non-Fusion

-10%¹

In-hospital costs



After 24 months:

Outcome

**Dynamic stabilization
leads to a comparable
clinical result as fusion**

Clinical evidence of cosmicMIA™

Meyer B, Thomé C, Vajkoczy P, Kehl V, Dodel R, Ringel F, for the DYNORFUSE Study Group. **Lumbar dynamic pedicle-based stabilization versus fusion in degenerative disease: a multicenter, double-blind, prospective, randomized controlled trial.** J Neurosurg Spine. 2022

Rienmüller AC, Krieg SM, Schmidt FA, Meyer EL, Meyer B, **Reoperation rates and risk factors for revision 4 years after dynamic stabilization of the lumbar spine.** The Spine Journal 19 (2019) 113-120

Maleci A, Sambale RD, Schiavone M, Lamp F, Özer F, Von Stempel A, Eng, D, **Nonfusion stabilization of the degenerative lumbar spine,** J Neurosurg: Spine / May 13, 2011

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